

Figure 1 consists of 12 histograms arranged horizontally, each representing a different value of the parameter α . The x-axis for all histograms is 'Number of contacts' ranging from 0 to 10. The y-axis is 'Frequency' ranging from 0 to 100. The histograms are labeled with α values: 0.0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, and 1.1. As α increases, the distribution of contacts shifts from being concentrated at 1 contact (for $\alpha=0.0$) to being concentrated at 10 contacts (for $\alpha=1.1$).